

Map of parcels at 33 kft on 04072519 influenced by convection 2.5 to 5.0 days earlier Squares indicate location of convectively influenced air -- influence calculated only within black box Crosses indicate locations where back trajectories from squares intersect convection Cross, square, and trajectory colors indicate elapsed time between convection and 04072519 4.5 Days Since Convection 4.0 3.5 3.0 2.5 NASA/ARC Last Image Used is 0407251845 **PSL** 1280 Trajectories

Map of parcels at 33 kft on 04072519 influenced by convection 5.0 to 7.5 days earlier Squares indicate location of convectively influenced air -- influence calculated only within black box Crosses indicate locations where back trajectories from squares intersect convection Cross, square, and trajectory colors indicate elapsed time between convection and 04072519 7.5 7.0 Days Since Convection 6.5 6.0 5.5 5.0 NASA/ARC Last Image Used is 0407251845 **PSL** 1280 Trajectories

